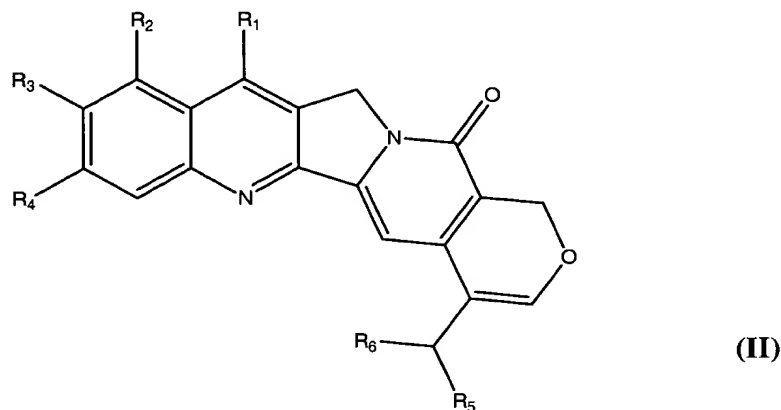


2. (Twice amended) A compound of Formula (II):



wherein:

R₁ and R₂ is selected from hydrogen, (C₁-C₈) alkyl, (C₃₋₇)cycloalkyl, (C₃₋₇)cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, or alkoxy alkyl, or (-CH₂NR₇R₈),

wherein:

i) R₇ and R₈, which may be the same or different, are independently selected from hydrogen, (C₁-C₈) alkyl, (C₃₋₇) cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, or lower alkoxy (C₁-C₈) alkyl; or

ii) R₇ represents hydrogen, (C₁-C₈) alkyl, (C₃₋₇)cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, or lower alkoxy (C₁-C₈) alkyl, and R₈ represents -COR₉,

wherein:

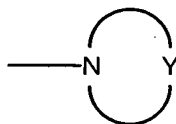
R₉ represents hydrogen, (C₁-C₈) alkyl, perhalo-(C₁-C₈) alkyl, (C₃₋₇)cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, lower alkoxy, lower alkoxy (C₁-C₈) alkyl; or

iii) R₇ represents hydrogen or (C₁-C₈) alkyl; and R₈ represents diphenyl-methyl or -(CH₂)_t Ar

wherein:

t is 0 to 5 and Ar represents phenyl, furyl, pyridyl, N-methylpyrrolyl, imidazolyl optionally substituted with one or more substituents selected from hydroxy, methyl, halogen, and amino; or

iv) R₇ and R₈ taken together with the linking nitrogen form a saturated 3 to 7 atom heterocyclic group of formula (IA)



(IA)

wherein:

Y represents O, S, SO, SO₂, CH₂ or NR₁₀,

wherein:

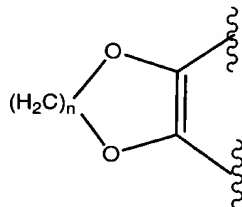
R₁₀ represents hydrogen, (C₁-C₈) alkyl, perhalo (C₁-C₈) alkyl, aryl, aryl substituted with one or more substituents selected from (C₁-C₈) alkyl, lower alkoxy, halogen, nitro, amino, (C₁-C₈) alkyl amino, perhalo-(C₁-C₈) alkyl, hydroxy (C₁-C₈) alkyl, lower alkoxy (C₁-C₈) alkyl groups or -COR₁₁,

wherein:

R₁₁ represents hydrogen, (C₁-C₈) alkyl, perhalo-(C₁-C₈) alkyl, lower alkoxy, aryl, aryl substituted with one or more substituents selected from (C₁-C₈) alkyl, perhalo-(C₁-C₈) alkyl, hydroxy (C₁-C₈) alkyl, lower alkoxy (C₁-C₈) alkyl groups;

R₃ and R₄ are independently selected from hydrogen, (C₁-C₈) alkyl, (C₃₋₇) cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, or alkoxy alkyl; or

R₃ and R₄ taken together form a saturated 5 to 6 atom heterocyclic group of formula (IB)



(IB)

wherein,

n represents the integer 1 or 2; or

R_3 represents $-OCONR_{12}R_{13}$,

wherein,

R_{12} and R_{13} , which may be the same or different, are independently selected from hydrogen, a substituted or unsubstituted alkyl group with 1-4 carbon atoms or a substituted or unsubstituted carbocyclic or heterocyclic group, or R_{12} and R_{13} together with the nitrogen atom to which they are bonded form a heterocyclic ring which may be interrupted with $-O-$, $-S-$ and/or $-N-R_{14}$ in which R_{14} is hydrogen, a substituted or unsubstituted alkyl group with 1-4 carbon atoms or a substituted or unsubstituted phenyl group;

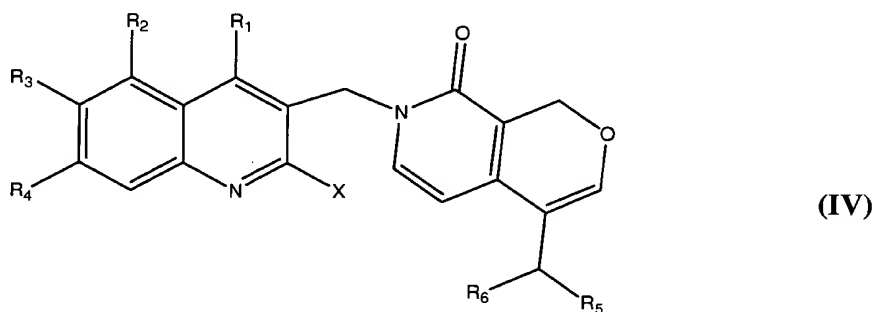
R_5 represents hydrogen or alkyl; and

R_6 represents hydrogen or alkyl,

or a pharmaceutically acceptable salt thereof.

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4. (Amended) A compound of formula (IV):



wherein:

X represents triflate or halo;

R₁ and R₂, which may be the same or different, are independently selected from hydrogen, (C₁-C₈) alkyl, (C₃₋₇)cycloalkyl, (C₃₋₇)cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈)alkyl, or alkoxy alkyl, or (-CH₂NR₇R₈), wherein:

i) R₇ and R₈, which may be the same or different, are independently selected from hydrogen, (C₁-C₈) alkyl, (C₃₋₇) cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, or lower alkoxy (C₁-C₈) alkyl; or

ii) R₇ represents hydrogen, (C₁-C₈) alkyl, (C₃₋₇)cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, or lower alkoxy (C₁-C₈) alkyl, and R₈ represents -COR₉,

wherein:

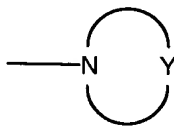
R₉ represents hydrogen, (C₁-C₈) alkyl, perhalo-(C₁-C₈) alkyl, (C₃₋₇)cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, lower alkoxy, lower alkoxy (C₁-C₈) alkyl; or

iii) R_7 represents hydrogen or (C_1-C_8) alkyl; and R_8 represents diphenyl-methyl or $-(CH_2)_tAr$

wherein:

t is 0 to 5 and Ar represents phenyl, furyl, pyridyl, N-methylpyrrolyl, imidazolyl optionally substituted with one or more substituents selected from hydroxy, methyl, halogen, and amino; or

iv) R_7 and R_8 taken together with the linking nitrogen form a saturated 3 to 7 atom heterocyclic group of formula (IA)



(IA)

wherein:

Y represents O, S, SO, SO_2 , CH_2 or NR_{10} ,

wherein:

R_{10} represents hydrogen, (C_1-C_8) alkyl, perhalo (C_1-C_8) alkyl, aryl, aryl substituted with one or more substituents selected from (C_1-C_8) alkyl, lower alkoxy, halogen, nitro, amino, (C_1-C_8) alkyl amino, perhalo- (C_1-C_8) alkyl, hydroxy (C_1-C_8) alkyl, lower alkoxy (C_1-C_8) alkyl groups or $-COR_{11}$,

wherein:

R_{11} represents hydrogen, (C_1-C_8) alkyl, perhalo- (C_1-C_8) alkyl, lower alkoxy, aryl, aryl substituted with one or more substituents selected from (C_1-C_8) alkyl, perhalo- (C_1-C_8) alkyl, hydroxy (C_1-C_8) alkyl, lower alkoxy (C_1-C_8) alkyl groups;

R_3 represents $-OCONR_{12}R_{13}$,

wherein,

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R_{12} and R_{13} , which may be the same or different, are independently selected from hydrogen, a substituted or unsubstituted alkyl group with 1-4 carbon atoms or a substituted or unsubstituted carbocyclic or heterocyclic group, or R_{12} and R_{13} together with the nitrogen atom to which they are bonded form a heterocyclic ring which may be interrupted with $-O-$, $-S-$ and/or $-N-R_{14}$ in which R_{14} is hydrogen, a substituted or unsubstituted alkyl group with 1-4 carbon atoms or a substituted or unsubstituted phenyl group;

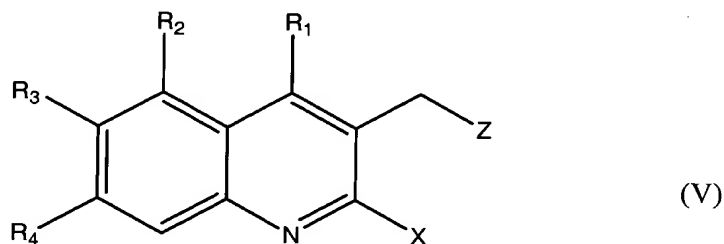
R_4 is selected from hydrogen, (C_1-C_8) alkyl, (C_{3-7}) cycloalkyl, (C_{3-7}) cycloalkyl (C_1-C_8) alkyl, lower alkenyl, hydroxy (C_1-C_8) alkyl, or alkoxy alkyl;

R_5 represents hydrogen or alkyl; and

R_6 represents hydrogen or alkyl,

or a pharmaceutically acceptable salt thereof.

5. (New) A compound of Formula (V):



wherein:

R_1 and R_2 is selected from hydrogen, (C_1-C_8) alkyl, (C_{3-7}) cycloalkyl, (C_{3-7}) cycloalkyl (C_1-C_8) alkyl, lower alkenyl, hydroxy (C_1-C_8) alkyl, or alkoxy alkyl, or $(-CH_2NR_7R_8)$,

wherein:

i) R_7 and R_8 , which may be the same or different, are independently selected from hydrogen, (C_1-C_8) alkyl, (C_{3-7}) cycloalkyl, (C_{3-7}) cycloalkyl (C_1-C_8) alkyl, lower alkenyl, hydroxy (C_1-C_8) alkyl, or lower alkoxy (C_1-C_8) alkyl; or

ii) R_7 represents hydrogen, (C_1-C_8) alkyl, (C_{3-7}) cycloalkyl, (C_{3-7}) cycloalkyl (C_1-C_8) alkyl, lower alkenyl, hydroxy (C_1-C_8) alkyl, or lower alkoxy (C_1-C_8) alkyl, and R_8 represents $-COR_9$,

wherein:

R_9 represents hydrogen, (C_1-C_8) alkyl, perhalo- (C_1-C_8) alkyl, (C_{3-7}) cycloalkyl, (C_{3-7}) cycloalkyl (C_1-C_8) alkyl, lower alkenyl, hydroxy (C_1-C_8) alkyl, lower alkoxy, lower alkoxy (C_1-C_8) alkyl; or

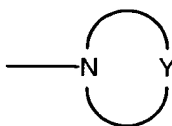
iii) R_7 represents hydrogen or (C_1-C_8) alkyl; and R_8 represents diphenyl-methyl or $-(CH_2)_t$ Ar

wherein:

t is 0 to 5 and Ar represents phenyl, furyl, pyridyl, N-methylpyrrolyl, imidazolyl optionally substituted with one or more substituents selected

from hydroxy, methyl, halogen, and amino; or

iv) R_7 and R_8 taken together with the linking nitrogen form a saturated 3 to 7 atom heterocyclic group of formula (IA)



(IA)

wherein:

Y represents O, S, SO, SO₂, CH₂ or NR₁₀,

wherein:

R_{10} represents hydrogen, (C₁-C₈) alkyl, perhalo (C₁-C₈) alkyl, aryl, aryl substituted with one or more substituents selected from (C₁-C₈) alkyl, lower alkoxy, halogen, nitro, amino, (C₁-C₈) alkyl amino, perhalo-(C₁-C₈) alkyl, hydroxy (C₁-C₈) alkyl, lower alkoxy (C₁-C₈) alkyl groups or -COR₁₁,

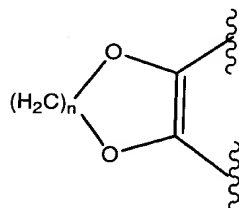
wherein:

R_{11} represents hydrogen, (C₁-C₈) alkyl, perhalo-(C₁-C₈) alkyl, lower alkoxy, aryl, aryl substituted with one or more substituents selected from (C₁-C₈) alkyl, perhalo-(C₁-C₈) alkyl, hydroxy (C₁-C₈) alkyl, lower alkoxy (C₁-C₈) alkyl groups;

R_3 and R_4 are independently selected from hydrogen, (C₁-C₈) alkyl, (C₃₋₇) cycloalkyl, (C₃₋₇) cycloalkyl (C₁-C₈) alkyl, lower alkenyl, hydroxy (C₁-C₈) alkyl, or alkoxy alkyl; or

R_3 and R_4 taken together form a saturated 5 to 6 atom heterocyclic group of formula (IB)

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wherein,

n represents the integer 1 or 2; or

R₃ represents -OCONR₁₂R₁₃,

wherein,

R₁₂ and R₁₃, which may be the same or different, are independently selected from hydrogen, a substituted or unsubstituted alkyl group with 1-4 carbon atoms or a substituted or unsubstituted carbocyclic or heterocyclic group, or R₁₂ and R₁₃ together with the nitrogen atom to which they are bonded form a heterocyclic ring which may be interrupted with -O-, -S- and/or -N-R₁₄ in which R₁₄ is hydrogen, a substituted or unsubstituted alkyl group with 1-4 carbon atoms or a substituted or unsubstituted phenyl group;

R₅ represents hydrogen or alkyl; and

R₆ represents hydrogen or alkyl,

or a pharmaceutically acceptable salt thereof;

X represents triflate, chloro-, bromo-, or iodo-; and

Z represents chloro-, bromo-, iodo- or OR₁₅ ;

wherein R₁₅ represents hydrogen, triflate, mesylate or tosylate.

R₃
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